

Serial No. 10/670,502

Attorney Docket No. 26A-010

LISTING OF CLAIMS:

1-20 (Canceled)

21. (Currently amended) A method for manufacturing a molded product having a molded portion, the method comprising:

forming a releasing agent layer, the releasing agent layer being composed of a releasing agent, adhered to a wall surface of a cavity of a mold that is in a closed state by injecting a first liquid containing athe releasing agent and a solvent into the closed cavity and depressurizing the closed cavity to a pressure at which the solvent boils, wherein the depressurizing includes vaporizing the solvent in the closed cavity and evacuating the vaporized solvent from the closed cavity; and

forming the molded portion by supplying a molding material into the closed cavity after the releasing agent layer is formed.

22. (Previously presented) The method of claim 21, wherein the depressurization of the cavity is performed immediately before the injection of the releasing agent ends or after the injection of the releasing agent ends.

23. (Previously presented) The method of claim 21, wherein the releasing agent is injected when depressurizing the cavity.

24. (Canceled)

Serial No. 10/670,502

Attorney Docket No. 26A-010

25. (Previously presented) The method of claim 21, further comprising:

recovering the solvent vaporized in the cavity when the cavity is depressurized; and
reusing the recovered solvent as the solvent of the releasing agent.

26. (Previously presented) The method of claim 21, wherein the molded product has a surface layer on at least part of its surface, and the method further comprises superimposing the surface layer on the releasing agent layer formed on the wall surface of the cavity by injecting a second liquid containing material of the surface layer into the cavity and depressurizing the cavity.

27. (Previously presented) The method of claim 21, wherein the molded product is an insert molded product including an insert member occupying at least part of the molded product.

28. (Previously presented) The method of claim 21, wherein the injection of the first liquid includes injecting a previously measured amount of the first liquid into the cavity.

29. (Currently amended) A method for manufacturing a molded product using a mold having a cavity, the method comprising the steps of:

closing the mold;

injecting a first liquid including a releasing agent and a solvent that vaporizes under a reduced pressure into the closed cavity;

Serial No. 10/670,502

Attorney Docket No. 26A-010

forming a releasing agent layer composed of the releasing agent adhered to the entire surface of the closed cavity by depressurizing the closed cavity to a pressure at which the solvent vaporizes, wherein the depressurizing includes vaporizing the solvent in the closed cavity and evacuating the vaporized solvent from the closed cavity; and

supplying molding material to the closed cavity after the releasing agent layer is formed to form the molded product.

30. (Previously presented) The method of claim 29, wherein the step of injecting a first liquid includes injecting a previously measured amount of the first liquid.

31. (Previously presented) The method of claim 29, wherein the molded product has a surface layer on at least part of its surface, the method further comprises superimposing the surface layer on the releasing agent layer formed on the surface of the cavity by injecting a second liquid containing material for forming the surface layer into the cavity and depressurizing the cavity.

32. (New) The method of claim 21, further comprising:
placing an insert member in the mold prior to said forming of the releasing agent layer;
and
closing the mold prior to said forming of the releasing agent layer.

33. (New) The method of claim 29, further comprising:

Serial No. 10/670,502

Attorney Docket No. 26A-010

placing an insert member in the mold prior to both of said closing the mold and said injecting the first liquid.

34. (New) A method for manufacturing a molded product having a molded portion, the method comprising:

injecting a first liquid composed of a releasing agent and a solvent into a closed cavity of a mold;

depressurizing the closed cavity, thereby removing the solvent from the closed cavity, and forming on the entire surface of the closed cavity a releasing agent layer composed of the releasing agent; and thereafter

supplying a molding material, for forming the molded portion, into the closed cavity.

35. (New) The method of claim 34, further comprising:

placing an insert member in the mold; and thereafter

closing the mold,

wherein said placing an insert member and said closing the mold are performed prior to said injecting the first liquid.